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Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JOHN R. KLUG

Serial No.: 07/397,996

Filed: August 23, 1989

Atty. File No.: 2355-1

For: "REMOTE MULTIPLE-USER  
EDITING SYSTEM  
AND METHOD"

Group Art Unit: 2352

INFORMATION DISCLOSURE  
STATEMENTHonorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

RECEIVED

DEC 13 1989

GROUP 230

Dear Sir:

Pursuant to the duty of disclosure set forth in 37 C.F.R. Section 1.56 and the requirements for filing an Information Disclosure Statement recited in 37 C.F.R. Sections 1.97 through 98, Applicant herewith submits copies of the following references:

Richard McNeel, "Being There: Remote Networking", Publish!, December, 1988, pages 52-57;

Dave Kosiur, "Communicating at Speed", Macworld, July 1989, pages 128-133;

U.S. West, "Blazing New Trails in ISDN", advertising brochure, publication date unknown;

BBN Software Products Corporation, "The BBN Slate Document Communications System", advertising brochure, 1989.

CERTIFICATE OF MAILING: I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, DC 20231 ON THIS 21<sup>st</sup> DAY OF December 19 89

SHERIDAN, ROSS &amp; McINTOSH

BY

Benn D. Reynolds

The McNeel article discloses what is apparently the state-of-the-art in communication between personal computers. Through networking, local area networks (LANs) can be accessed from remote locations. Separate and remote LANs can be linked using a remote bridge, which utilizes a modem and special software and/or hardware. This remote networking is directed toward sending or receiving data, and as noted in columns 1 through 3 of page 54, remote networking is slow.

The Kosiur article is directed to high speed modems. The article provides descriptions and comparisons of full duplex modems, half duplex modems, asymmetrical modems and ping pong modems, as well as different error correction techniques. Modems produced by different manufacturers are also listed and compared.

The U.S. West advertising brochure is directed to Integrated Services Digital Network (ISDN). Various experiments using ISDN are described in the brochure. Trials 3 and 4 are directed to using ISDN for PC networking with simultaneous voice communication to replace proprietary networks.

The BBN advertising brochure discloses a software system for UNIX environments. The software allows remote users of UNIX systems, apparently over a proprietary network, to hold electronic conferences to review documents. The document must use the Slate software format to enable remote conferencing. During a data conference, one party may be designated as an active editor and can edit the document, which the other parties will view as the editing is being performed.

Applicant makes no representation that this art is the closest prior art or that a search has been conducted. For the Examiner's convenience, the references discussed above are listed on accompanying PTO Form 1449.

Respectfully submitted,

SHERIDAN, ROSS & McINTOSH

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